

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION FOR LETTERS PATENT

**Systems And Methods For Providing Incentives To
Consumers To Review Distributed Content**

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ATTORNEY'S DOCKET NO. 10982142-1

1 **SYSTEMS AND METHODS FOR PROVIDING INCENTIVES TO**
2 **CONSUMERS TO REVIEW DISTRIBUTED CONTENT**
3

4 **TECHNICAL FIELD**

5 The systems and methods that are described herein relate generally to
6 electronic content distribution systems. More particularly, the systems and
7 methods described herein relate to distributing electronic content to consumers
8 for display or printing and providing an incentive to the consumer to review the
9 distributed content.

10 **BACKGROUND**

11 In a free market economy, where consumer markets are driven by
12 competition between providers of goods, a provider wishing to compete for
13 consumer business must make potential customers aware of the advantages and
14 benefits of the provider's product or service. Such a provider must rely on
15 effective marketing campaigns to educate potential customers about the
16 product.

17 Mass mailings are but one way that provider messages are distributed to
18 potential consumers. Such mailings are commonly referred to as "junk mail."
19 Although much of unwanted junk mail is delivered to consumers daily, there is
20 no doubt that the majority of consumers take an interest in at least a portion of
21 the junk mail that is received. For instance, a person may casually discard all
22 such mailings received except for pizza coupons from a particular pizza
23 restaurant. However, the consumer must sort through several pieces of junk
24 mail before obtaining the desired pizza coupon. In addition, the consumer must
25 sort through junk mail to identify and retain regular mail, such as personal
letters, bank statements, bills, etc.

1 Techniques are developing that allow a provider of goods or services to
2 send information – or “content” – to potential consumers electronically. The
3 content (assume an advertisement) is formulated on an advertiser, or provider,
4 computing unit and is transmitted - most likely via e-mail or other electronic
5 communication method - to a host of potential consumers. This serves the
6 provider well, economically speaking. The provider no longer has to spend
7 money on envelopes, paper, printing ink, postage, etc. Also, the provider no
8 longer has a lag time of postal service delivery. Messages are delivered in an
9 instant, rather than taking the typical one to three days to arrive in the regular
10 mail.

11 Such techniques also provide an advantage over faxing services that
12 provide advertisements or information – such as a newsletter – directly to a
13 facsimile machine. Electronic delivery occurs at two to twenty times the speed
14 of fax delivery. In addition, no long distance charges are incurred for sending
15 information to consumers located some distance away from the provider.

16 But there is a concern for placing potentially burdensome amounts of
17 new e-mail onto the Internet. Anti-spamming laws are already in force to
18 prevent unwanted e-mail advertisements from being pushed onto consumers,
19 but the laws hardly begin to prevent such spamming from occurring on a
20 regular basis.

21 Given these considerations, the benefits of moving from conventional
22 mass mailing techniques to e-mail based mass mailing techniques seem to
23 weigh heavily in favor of the provider. The consumer realizes little, if any,
24 benefit. In fact, consumers may actually begin to incur costs that they do not
25 bear with conventional mass mailing techniques. Time, for one, is a resource
that every consumer must expend to sift through potential mountains of new,
and mostly unwanted, e-mail advertisements. If messages are sent to a fax or

1 directly to a printer, the consumer is then burdened with the expense of the
2 consumable resources used to print the messages, e.g., paper, toner, ink, etc.

3 If electronic delivery of printed content is to work successfully, these
4 costs that are borne by the recipients of the content must be seriously
5 addressed.

6 7 SUMMARY

8 The systems and methods for providing incentives to consumers to
9 review electronically distributed content that are described herein provide ways
10 to compensate a consumer for taking the time and expending consumable
11 resources for displaying and/or printing content distributed from a provider.

12 The described implementations contemplate systems and methods for
13 distributing e-mail or printed mail (e-mail sent directly to a printer) so that a
14 sender can offer an incentive to a consumer to review the material sent by the
15 sender. The incentive compensates the consumer for the time and material
16 expended in reviewing the sender's message. The consumer is not overly
17 burdened, for the sender can bypass review of most or all of the messages sent.

18 In one implementation, an advertiser distributes a content packet to one
19 or more consumers. The content packet includes a content message that may
20 be a printable message or an audio/visual message that may be displayed and/or
21 played on some type of electronic device.

22 The advertiser constructs the content packet on a computing device,
23 such as an e-mail server. The content packet includes the content message and
24 a rendering value that is offered to receiving consumers to render the message
25 or a portion thereof. It is noted that the term "advertiser," as used herein, can
include distribution of news. In the case of advertiser-supported news or

1 product announcements, the rendering value may be to cover or defray the cost
2 to the receiving consumer of printing at least portions of the content.

3 In various implementations, one or more of the following may also take
4 place:

5 (a) the advertiser may attach a bank account identifier to the content
6 packet. The bank account identifier identifies a bank account owned by the
7 advertiser from which money will be withdrawn;

8 (b) the advertiser may attach a message identifier to the content packet
9 that helps track the messages and the payments offered with the messages;

10 (c) the advertiser may attach a second rendering value to the content
11 packet. In this case, the first rendering value may represent an amount offered
12 to the consumer for displaying the message, while the second rendering value
13 represents an amount offered to the consumer for printing the message. Since
14 printing a message requires the consumer to incur more costs, the second
15 rendering value may be greater than the first rendering value. The first and
16 second rendering values may be many-fold and correspond to various portions
17 of the content.

18 (d) the advertiser may attach finishing, or rendering, instructions to the
19 content packet. The instructions are requests and/or requirements for the
20 consumer and the consumer's hardware. For example, the advertiser may
21 require that a brochure sent to the consumer be printed in color and stapled.

22 In one implementation, the advertiser digitally signs the content packet
23 using standard public key cryptography. The digital signature prevents the
24 message from being modified and can be used to confirm the identity of the
25 advertiser. Furthermore, the printer may add the equivalent of a watermark or
other device for certifying the content of the printed material.

Once the content packet is constructed, the advertiser sends the content packet to one or more consumers via e-mail, Internet Printing, etc. Prior to the arrival of the content packet, the consumer has installed an e-mail application or an Internet-enabled printer. As part of the installation process, the consumer determined whether to receive message from unknown parties (junk mail advertisers) and under what conditions those messages should be viewed, played and/or printed. As part of the options available to the consumer, the consumer decided that a page of material was worth \$0.10 of his time to read, and \$0.25 of his time and resources to print and then read. The content packet may also contain choices and means for designating a form of payment desired, such as crediting the consumer's bank account or printing credit or redemption slips on the consumer's printer.

Upon receipt of the content packet by the consumer's e-mail application or printer, details of the printing/viewing reimbursement are extracted from the content packet and the e-mail application or printer that receives the content packet. The e-mail application or printer applies the rules previously configured by the consumer to the attributes of the incoming content packet. If the content packet does not satisfy the rules, the content packet is deleted.

If the content packet does satisfy the rules, then the e-mail application or printer sends a request to the bank account identified in the content packet. The request asks such questions as "Does the account exist?", "Are there sufficient funds to cover the transaction?", "Does the packet id make sense?" The bank sends a reply to the consumer that answers the particulars of the request.

Based on the consumer's rules, the advertiser's message is displayed, played or printed. The consumer then submits a certificate to the advertiser's bank that includes a consumer bank account identifier that identifies a bank account owned by the consumer in which the funds are to be transferred.

1 Alternatively, the consumer may print a credit or redemption slip on the
2 consumer's printer.

3 In one implementation, the consumer's hardware includes a sensor to
4 verify that the message has been rendered. In this case, the certificate sent to
5 the advertiser's bank includes a certification from this sensor that the message
6 was indeed rendered by the consumer. If the sensor does not detect a
7 successful rendering, another attempt is made to render the message. If
8 unsuccessful after a pre-determined number of attempts, the process is aborted.

9 The advertiser's bank then transfers funds to the consumer's bank
10 account. In one implementation, the advertiser's bank (or the consumer's
11 bank) notifies the consumer when this transaction has been completed. If the
12 consumer does not receive such a confirmation within a pre-specified time
13 period, the a notification message is displayed to the consumer.

14 As an alternative to sending a request to the advertiser's bank, the
15 consumer may send a similar request to the advertiser. The advertiser would
16 then notify the advertiser's bank and request that a certain amount be
17 transferred to the consumer's bank account. The advertiser's bank may then
18 notify the advertiser of the successful completion of the transfer, and the
19 advertiser may then notify the consumer of the same.

20 In another implementation, the process is used to allow a consumer to
21 acquire valuable content (such as an industry newsletter or document) from a
22 publisher and print it to the consumer's printer. After the printing has
23 successfully completed, the consumer would request the consumer's bank to
24 transfer funds to the publisher's account, and/or a credit or redemption slip may
25 be printed or stored for later printing.

BRIEF DESCRIPTION OF THE DRAWINGS

A more complete understanding of exemplary methods and arrangements of the invention may be had by reference to the following detailed description when taken in conjunction with the accompanying drawings wherein:

Fig. 1 is a block diagram of a system showing the interaction between an advertiser server and a consumer computer implementing the present invention(s).

Fig. 2 is a block diagram of a printer configured to implement the present invention(s).

Fig. 3 is a flow diagram depicting a method for distributing a content packet to one or more consumers and providing an incentive for the consumer(s) to render a message included in the content packet.

Fig. 4 is a flow diagram depicting a method for receiving and processing a content packet from an e-mail distributor in accordance with the present invention(s).

DETAILED DESCRIPTION

The invention is illustrated in the drawings as being implemented in a suitable computing environment. Although not required, the invention will be described in the general context of computer-executable instructions, such as program modules, to be executed by a computing device, such as a personal computer, a hand-held computer or portable electronic device. Generally, program modules include routines, programs, objects, components, data structures, etc., that perform particular tasks or implement particular abstract data types. Moreover, those skilled in the art will appreciate that the invention may be practiced with other computer system configurations, including multi-processor systems, microprocessor-based or programmable consumer electronics, network PCs, minicomputers, mainframe computers, and the like. The invention may also be practiced in distributed computing environments where tasks are performed by remote processing devices that are linked through a communications network. In a distributed computing environment, program modules may be located in both local and remote memory storage devices.

General reference is made herein to one or more printing device. As used herein, "printing device" means any electronic device having data communications and data storage capabilities, and functions to render printed characters on a print medium. A printing device may be a printer, fax machine, copier, plotter, and the like. The term "printer" includes, but is not limited to, laser printers, ink jet printers, dot matrix printers, dry medium printers, copiers, facsimile machines and plotters. Although specific examples may refer to one or more of these printers, such examples are not meant to limit the scope of the claims or the description, but are meant to provide a specific understanding of the described implementations.

Fig. 1 is a block diagram of a system 100 constructed in accordance with the invention(s) described herein. An advertiser server 102 operated by an advertiser includes a processor 104, an e-mail module 106, a communications unit 108 and a digital signature module 110. The advertiser server 102 also includes memory 112.

A content packet 114 is stored in the memory 112 and includes a content message 116. The content message is a printable message, such as an advertisement, or audio/visual content suitable for playing/displaying on an electronic device. The content packet 114 also includes a message identifier 118 that corresponds to the particular content message 116 and facilitates transactions involving the content packet 114. A bank account identifier 120 included in the content packet 114 identifies an advertiser bank and bank account that is used to compensate a consumer that renders the content message 116.

The content packet 114 also includes a display value 122 and a print value 124. The display value 122 is an amount, in monetary units or credits, that the advertiser is willing to pay a consumer for playing or displaying the content message 116. The print value 124 is an amount, in monetary units or credits, that the advertiser is willing to pay a consumer for printing the content message 116. Finishing instructions 126 are included in the content packet and are rules set for the by the advertiser. A consumer must satisfy these rules before the consumer is entitled to receive the value identified in the content packet 114. For instance, the advertiser may require that the content message 116 be printed in color before the print value 124 is transferred to the consumer. Any finishing details required by the advertiser may be included in the finishing instructions 126.

1 The content packet 114 is digitally signed with a digital signature 128
2 that uniquely identifies the advertiser. A consumer may use the digital
3 signature to verify the source of the content packet 114 and to insure that the
4 content packet 114 has not been modified since it was digitally signed at the
5 advertiser server 102.

6 The system 100 also includes a consumer computer 130. The consumer
7 computer 130 includes a processor 132, a communications unit 134 and a
8 digital signature module 136. Memory 138 in the consumer computer 130
9 stores a copy of the content packet 114' that is received from the advertiser
10 server 102. The content packet 114' includes the same information as content
11 packet 114, namely, a content message 116', a message identifier 118', a bank
12 account identifier 120', a display value 122', a print value 124', finishing
13 instructions 126' and a digital signature 128'. The memory 138 also stores a
14 receiver module 140 that is configured to receive the content packet 114 from
15 the advertising server 102. A bank request module 142 stored in the memory
16 138 is configured to verify that the bank account identified by the bank account
17 identifier 120' exists and that sufficient funds are in the account to satisfy the
18 terms set forth in the content packet 114'. The memory 138 further includes a
19 certification module 144 configured to confirm that the content message 116'
20 has been rendered and to send a certification to the advertiser server 102 or to
21 an advertiser bank 146 that the content message 116' has been rendered.

22 A notice module 148 is stored in the memory 138 and is configured to
23 receive notice from the advertiser bank 146 that funds have been transferred.
24 The notice module 148 is also configured to provide notice to the consumer if
25 such notice has not been received from the advertiser bank 146 within a
specified period of time since the content message 116' was rendered. The
memory 138 also stores a rendering module 150 that initiates rendering of the

1 content message 116', i.e., sending the content message 116' to a printer 152 to
2 be printed or to a display 154 to be displayed.

3 A rules module 156 is also stored in the memory 138. The rules module
4 156 contains a first value 158 ("Value 1") that identifies an amount required of
5 a sender to render the content message 116' in a first way, such as displaying
6 the content message 116'. The rules module 156 also contains a second value
7 160 ("Value 2") that identifies an amount required of a sender to render the
8 content message 116' in a second way, such as printing the content message
9 116'. The rules module 156 also includes a sender field 162 and a type field
10 164. The sender field 162 identifies only those senders from which the
11 consumer computer 130 will accept unsolicited content packets 114'. The
12 sender field 162 may be set to include all content packets 114' delivered to the
13 consumer computer 130. The type field 164 identifies specific types of content
14 packets 114' that will be accepted by the consumer computer 130. For
15 example, the type field 164 may indicate that only content packets 114' that
16 include a valuable coupon as the content message 116'.

17 A consumer bank 166 is also shown in Fig. 1. The consumer bank 166
18 is a bank in which a consumer owns a bank account. The bank account in the
19 consumer bank 166 is the account where funds will be transferred from the
20 advertiser bank 146.

21 It is noted that the present invention may be implemented in a properly
22 configured printer. In that case, e-mail messages are sent directly to the printer
23 for printing instead of being sent to a computer for display or printing. Fig. 2 is
24 a block diagram of a printer 200 in which the present inventions may be
25 implemented. The printer 200 includes a processor 202, a communications unit
204, a sensor 206 a display 208 and a digital signature module 210.

1 The printer 200 also includes memory 212 that stores a content packet
2 214 as previously described. The content packet 214 includes a content
3 message 218, a message identifier 220, a bank account identifier 222, a print
4 value 224, finishing instructions 226 and a digital signature 228. It is noted
5 that the content packet 214 in this instance only includes one value, the print
6 value 224. This is because the printer 200 only has one way of rendering the
7 content message 218. It is also noted that the content packet 214 may include
8 more than one value, similar to the content packets 116, 116' shown in Fig. 1.
9 This is because a sender may not distinguish between a consumer that receives
10 content packets on a computer and a consumer that receives content packets on
11 a printer. In such a case, the printer 200 only utilizes the printer value 224
12 contained in the content packet 214.

13 The memory 212 also includes a rules module 228 that contains the
14 requirements set forth by an owner of the printer 200 for receiving content
15 packets 214 from advertisers or other senders. The rules module 228 functions
16 similarly to the rules module 156 of the consumer computer 130 shown in Fig.
17 1. The rules module 228 includes a value 230 that indicates an amount
18 required to print the content message 218, a sender field 232 that indicates the
19 parties from whom content packets 214 will be accepted by the printer 200, and
20 a type field 234 that indicates the types of content messages 216 that will be
21 accepted for printing by the printer 200.

22 The memory 212 also stored an e-mail program 236 that controls the
23 receipt and transmission of e-mail messages, including those that include
24 content packets 214. A confirmation module 238 module stored in the memory
25 212 is configured to verify that a content message 216 was printed from the
printer 200. The memory also includes a notice module 240 configured to send
a notification to the advertiser (or other sender) or to the bank account of the

1 advertiser (or other sender) that the content message 216 has successfully
2 printed from the printer 200.

3 The functions of the features shown in Fig. 1 and Fig. 2 will be
4 described in greater detail in the discussion of Fig. 3 and Fig. 4, below.

5 Fig. 3 is a flow diagram depicting a method for constructing and
6 distributing content packets in accordance with the present invention.
7 Continuing reference will be made to the elements and reference numerals of
8 Fig. 1 in the following discussion. It is noted that although the following
9 discussion refers to transactions between an advertiser server and a consumer
10 computer as shown in Fig. 1, the methods described may also be implemented
11 with an e-mail enabled printer as shown in Fig. 2. However, a separate
12 discussion will not be had with specific reference to Fig. 2. It will be apparent
13 to those skilled in the art from the discussion with reference to Fig. 1 how the
14 methods may be utilized with a printer. Any instances wherein there is a
15 significant difference between the methods utilized in a computer and the
16 methods utilized in a printer will be pointed out.

17 At step 300, the e-mail module 106 of the advertiser server 102
18 assembles the content packet 114. A content message 116 that contains an
19 advertisement message or some other content to be distributed is included in
20 the content packet. The content message 116 may be previously stored in the
21 memory 112 or it may be retrieved from another source. A message identifier
22 118 that uniquely corresponds with the content message 116 is stored in the
23 content packet 114. The message identifier 118 is used in communications
24 with consumers and banks to identify the content message 116 that is to be or
25 has been rendered.

The e-mail module 106 attaches a bank account identifier 120 to the
content packet 114. The bank account identifier 120 uniquely identifies an

1 advertiser bank 146 and an account in the bank 146 that will be used to fund
2 transfers for rendering the content message 116.

3 Two values are attached to the content packet 114: a display value 122
4 that indicates an amount that will be paid to a consumer in return for the
5 consumer displaying the content message 116; and a print value 124 that
6 indicates an amount that will be paid to a consumer in return for the consumer
7 printing the content message 116. One or more other values (not shown) may
8 be included in the content packet 114. The other values indicate a value that
9 will be paid to a consumer in return for the consumer rendering the content
10 message 116 in another way, for example, by playing audio content on a
11 playback device.

12 The e-mail module 106 also attaches finishing instructions 126 to the
13 content packet 114. The finishing instructions 126 are rendering instructions
14 that the advertiser requires be implemented before payment is made for the
15 rendering. For example, the advertiser may require a message to be printed in
16 color before the advertiser is willing to pay for the rendering.

17 The digital signature module 110 then attaches a digital signature 128 to
18 the content packet 114 at step 302. The digital signature 128 is used by a
19 consumer that receives the content packet 114 to verify that the contents of the
20 content packet 114 have not changed since the digital signature 128 was
21 applied. Also, the digital signature 128 can be used to verify the source of the
22 content packet 114.

23 At step 404, the content packet 114 is e-mailed to one or more
24 consumers or potential customers. Any method known in the art for
25 transmitting the content packet 114 to consumers may be utilized. For
example, an Internet printing method may be used wherein the content packet
114 is sent via the Internet directly to a printer (Fig. 2, 200) that is capable of

1 communicating directly with the Internet and printing content messages
2 received in that manner.

3 After the content packet 114 is sent to consumers, the advertiser server
4 102 waits to receive a certificate from a consumer verifying that the content
5 message 116 was rendered (step 406). No action is taken as long as no such
6 certificate is received ("No" branch, step 406). When a certificate is received
7 that verifies that a content message 116 has been rendered ("Yes" branch, step
8 406), the e-mail module 106 correlates the message identifier 118 identified in
9 the return certificate with the content packet 114 with which it was sent (step
10 408).

11 When the content packet 114 is identified, the e-mail program can
12 identify the amount due to be transferred to the consumer who sent the
13 certificate. Included in the certificate is bank account information for a
14 consumer account. At step 410, the e-mail module 106 transmits directions to
15 the advertiser bank 146 to transfer the appropriate funds to the consumer's
16 account at the consumer bank 166. When the transfer is effectuated, the
17 advertiser bank 146 sends notice to the advertiser server 102 that the transfer
18 has been completed at step 412. At step 414, the e-mail module 106 sends
19 notice to the consumer that the transfer has been completed.

20 It is noted that steps 410 through 414 may be omitted if the consumer
21 communicates directly with the advertiser bank 146. In such a case, the
22 consumer sends the certificate directly to the advertiser bank 146. When the
23 transfer is accomplished, the advertiser bank 146 sends a notice to the
24 consumer. The advertiser may also receive notice of the conclusion of the
25 transfer.

Fig. 4 is a flow diagram that depicts a method performed by a consumer computer or e-mail ready printer to accomplish the objectives stated herein. At

1 step 400, the receiver module 140 of the consumer computer 130 receives the
2 content packet 114 from the advertiser server 102. At step 402, the rules
3 module 156 compares the display value 122' and the print value 124' to the first
4 value 158 ("Value 1") and the second value 160 ("Value 2") stored in the rules
5 module 156. The type of content message 116' and the sender 102 are also
6 checked against the values contained in the type field 164 and the sender field
7 162, respectively.

8 If either of the values are not satisfied or the type of content message
9 116' or sender are not approved according to the preset rules ("No" branch, step
10 402), the content packet 114' is deleted at step 404. A message is sent at step
11 406 to the sender that the content packet 114 was unacceptable.

12 If either of the values are satisfied and the sender and type of message
13 are acceptable under the rules ("Yes" branch, step 402), then the bank request
14 module 142 sends a request to the advertiser bank 146, requesting information
15 to verify the existence of the identified account and whether there are funds in
16 the account to satisfy the values identified in the content packet 114'. If the
17 account or funds are invalid ("No" branch, step 410), then the content packet
18 114' is deleted at step 412 and a message notifying the advertiser of the
19 deletion is transmitted at step 414.

20 If, however, the accounts and funds are valid ("Yes" branch, step 410),
21 then the rendering module 150 initiates rendering of the content message 116'
22 at step 416. How the content message 116' is rendered depends upon the
23 results from the rules module 156. If the value offered for displaying the
24 content message 116' is acceptable and the value offered for printing the
25 content message 116' is acceptable, then a pre-determined rule will apply to
determine if the content message 116' is displayed or printed. If only one of

1 the values is acceptable, then the appropriate rendering corresponding to that
2 value will occur.

3 The rendering module 150 initiates a print job by sending the content
4 message 116' to the printer 152. A display is initiated by sending the content
5 message 116' to a display device 154. The certification module 144 verifies
6 that the rendering has occurred when the rendering module 150 initiates a
7 rendering. In a preferable implementation, a printer (Fig. 2, 200) includes a
8 sensor 208 that measures the mechanical performance of the printer 200 after a
9 print job has been initiated. Only upon a successful signal from the sensor 208
10 will the certification module 144 verify that the content message 116' has been
11 printed.

12 At step 418, the certification module 144 is polled to determine if the
13 content message 116' has been rendered. If not ("No" branch, step 418), it is
14 determined how many times a rendering has been attempted and this value is
15 compared to a preset limit at step 420. If the limit has not been reached ("No"
16 branch, step 420), then the rendering is attempted again (step 416). If the limit
17 has been reached ("Yes" branch, step 420), then the process is aborted. A
18 termination message may be displayed on the display 154 of the printer 152,
19 200 at this time.

20 If the rendering was successful ("Yes" branch, step 418), then the
21 certification module 144 formulates a certificate at step 422. The certificate
22 reflects that the content message 116' corresponding to the message id 118' has
23 been successfully rendered and that a certain rendering amount is owed to the
24 consumer. The certificate also contains bank account information for a
25 consumer bank account. The certificate is sent to the advertiser bank 146 at
step 426. The advertiser bank then transfers the appropriate funds from the
advertiser's account to the consumer's account.

When the transfer has been completed, the notice module 148 receives notice from the advertiser bank 146 at step 426. The notice module 148 continues to wait for this notice as long as the notice has not been received ("No" branch, step 426) and a pre-determined time period (e.g., number of days) has not elapsed ("No" branch, step 430). If the time period expires without receiving the notice of transfer ("Yes" branch, step 430), then the notification module 148 displays a message to the consumer. When the notice is received ("Yes" branch, step 426), then the content packet 114' is deleted from the memory 138.

Conclusion

The systems and methods described herein provide a way for an advertiser or other sender to reduce the costs of mass marketing efforts, while providing payment to compensate a consumer for the time and resources spent in receiving and reviewing the e-mail. The consumer is thus provided an incentive to render and review the advertiser's message.